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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/783,835	
	Filing Date	February 20, 2004	
	First Named Inventor	Richard G. PACE	
	Art Unit	2171	
	Examiner Name		
Total Number of Pages in This Submission	53	Attorney Docket Number	70205/12:1

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Stoel Rives LLP, 900 SW Fifth Avenue, Suite 2600, Portland, Oregon 97204		
Signature	<i>Micah D. Stolowitz</i>		
Printed name	Micah D. Stolowitz		
Date	May 12, 2006	Reg. No.	32,758

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

**Richard G. PACE, Martin K. HASEGAWA,
and Ronald K. FERGUSON**

Confirmation No. 7506

Application No. 10/783,835

Filed: February 20, 2004

For: **REORGANIZATION AND REPAIR
OF AN ICF CATALOG WHILE OPEN
AND IN-USE IN A DIGITAL DATA
STORAGE SYSTEM**

Group Art Unit: 2171

Examiner:

Attorney Docket No. 70205/12:1

Date: May 12, 2006

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

TO THE COMMISSIONER FOR PATENTS:

1. Pursuant to the duty of disclosure, documents listed on the accompanying Form PTO-1449 (or equivalent) are presented for the Examiner's consideration.
 - ☒ Copies of listed U.S. patents and U.S. patent application publications are not required for submission. (37 C.F.R. § 1.98(a)(2)(ii))
 - ☐ Copies of listed foreign patent documents and/or non-patent literature are enclosed. (37 C.F.R. § 1.98(a)(2))
 - ☐ Copies of the documents listed at (sheet/cite no.) _____ of the attached Form PTO-1449 (or equivalent) are omitted because (1) they are already of record in U.S. Patent Application No. _____, filed _____, on which this application relies for an earlier filing date under 35 U.S.C. § 120; and (2) any information disclosure statement filed in the prosecution of Application No. _____, complies with 37 CFR §§ 1.98(a) through (c). (37 C.F.R. § 1.98(d))
 - ☐ A copy of copending U.S. Patent Application No. _____, filed _____, for _____, listed at (sheet/cite no.) _____ of the attached Form PTO-1449 (or equivalent), ☐ is enclosed / ☐ is omitted. (Copy not required if available via IFW. 1287 OG 163 (Oct. 19, 2004).).
2. This information disclosure statement is being submitted (check box a., b., or c.):
 - a. ☒ Within three months of the filing date of a national application or entry of the national stage in an international application; or before the mailing of a first Office action on the merits; or before the mailing of a

first Office action after the filing of a request for continued examination under 37 CFR 1.114. (No statement under 37 CFR 1.97(e) is required.); or

- b. ☐ After the period set forth in paragraph 2a, but before the mailing date of either a final action, a notice of allowance, or an action that otherwise closes prosecution in the application. (Check box i. or ii.)
- i. ☐ The \$180.00 information disclosure statement submission fee set forth in 37 CFR 1.17(p) is paid herewith, or
- ii. ☐ A statement specified by 37 CFR 1.97(e) is set forth below; or
- c. ☐ After the mailing date of a final action or notice of allowance and on or before payment of the issue fee. A statement specified by 37 CFR 1.97(e) is set forth below. Enclosed is the \$180.00 information disclosure statement processing fee set forth in 37 CFR 1.17(p).

3. Fee Payment

- a. ☐ A check in the amount of \$_____ is enclosed.
- b. ☐ Please charge our Deposit Account No. 19-4455 in the amount of \$_____.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required in connection with filing of these papers, or credit overpayment to Deposit Account No. 19-4455.

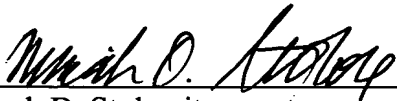

4. If a statement specified by 37 CFR 1.97(e) is required, the attorney or agent signing below hereby states that:

- ☐ each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; or
- ☐ no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

5. ☐ A concise explanation of the relevance of each document not in the English language and/or selected documents in the English language is set forth below.

Respectfully submitted,

Mainstar Software Corporation

By 
Micah D. Stolowitz
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FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
70205/12:1APPLICATION NO.
10/783,835SUPPLEMENTAL INFORMATION DISCLOSURE CITATION
(Uses several sheets if necessary)APPLICANTS
Richard G. PACE, Martin K. HASEGAWA, and
Ronald K. FERGUSONFILING DATE
February 20, 2004GROUP
2171

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,222,235	6/22/1993	Hintz et al.			
	AB	2003/135478	7/17/2003	Marshall et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	EP0549140A	6/30/1993	EPO				
	AM							
	AN							
	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AQ	International Search Report, PCT/US2005/005414, issued April 27, 2006.
	AR	Sockut et al., "Database Reorganization-Principles and Practice" <i>Computing Surveys</i> , Vol. 11, No. 4, December 1979.
	AS	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.